2- Way Audio Day/Night Internet Camera Server

TV-IP312 (A1.0R)

The 2-Way Audio Day/Night Internet Camera transmits real-time high quality video and audio over the Internet. See, hear and talk to people, in your camera's viewing area during the day or in the dark, from any Internet connection. Complimentary SecurView camera management software allows you to monitor what you value most at home or at work.

The camera provides crystal clear MPEG4 video streams over an internet connection. The Infrared lens provides night monitoring for low light environment. A built-in microphone and optional speakers accommodate 2-way audio communication. Advanced intuitive software includes motion detection recording, email alerts, scheduled recordings and progressive search options. This cameras brilliant image quality, USB flash support, day and night capabilities and 2-way audio make it ideal for home, small office and business use.

FEATURES

- Built-in USB port allows you to store still image directly onto a USB flash or hard drive*
- Infrared lens enables day and night version (night visibility up to 5 meters)
- Supports TCP/IP networking, SMTP Email, HTTP, Samba and other Internet protocols
- High quality MPEG-4 and MJPEG video recording with up to 30 frames per second
- Supports 3GPP live video viewing via 3G mobile phone **
- Hear and talk to people in your camera's viewing area through your computer
- Record streaming video to your computer and Network Storage
- Supports still image snapshot to FTP, Email and Flash drive
- Motion detection with Email notification
- Supports two adjustable motion detection windows with just-in-time snapshot
- Supports time stamp overlay
- Quick Universal Plug and Play installation
- Free SecurView™ software: view and record up to 16 cameras simultaneously ***
- 3-year limited warranty

* USB port supports up to 500mA power device with FAT16/32 format

** The 3G service from a mobile phone provider is required

*** Monitoring multiple cameras may require a high performance CPU

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SPECIFICATIONS

Image Sensor	
Sensor	• ¼" Color CMOS Sensor
Resolution	• 640 x 480 pixel
Fixed Lens	• f: 4.6mm, F: 2.8 (Board Lens)
Viewing Angle	• 60 Degree
Minimum Illumination	• 0.5Lux @ F2.0
Audio	
Microphone Input	• Internal Omni-Directional • Sensitivity: -48dB + 3dB • Response Frequency: 50 ~ 16000Hz
Audio Output	• 3.5mm Speaker Output Jack
Format	• PCM/AMR (Mono)
Video/Image	
Video Format	• MPEG4(Simple Profile), MJPEG, 3GPP
Image Frame Rate	• 30fps @VGA, QVGA, QQVGA
Frame Rate Setting	• 1 ~ 30fps
Compression Ration Setting	• 5 Levels
Resolution	• 640 x 480, 320 x 240, 160 x 120
Exposure Control, White Balance, Gain Control	• Automatic
Image Setting	• Adjustable brightness, contrast, saturation
Flip Images	• Vertical / Horizontal
Light Frequency	• 50Hz, 60Hz or Outdoor
Communication	
LAN	• 10/100Mbps Auto MDIX
Protocol	• HTTP, FTP, TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, PPPoE, UPnP, RTP, RTSP, RTCP
System	
CPU	• ARM9 base
RAM	• 32Mbyte SDRM
ROM	• 8Mbyte Nor Flash
OS	• Linux
System Requirement (Web Configuration)	
CPU	• Pentium III 350MHz or above
Memory Size	• 128MB or above
Resolution	• 800 x 600 or above
Browser	• Internet Explorer 6.0 or above
Supported OS	• Windows 2000/XP/Vista
System Requirement (SecurView™ Software)	
CPU	• Pentium 4 1GHz or above
Memory Size	• 512MB or above
Resolution	• 1024 X 768 or above
Supported OS	• Windows 2000/XP/Vista

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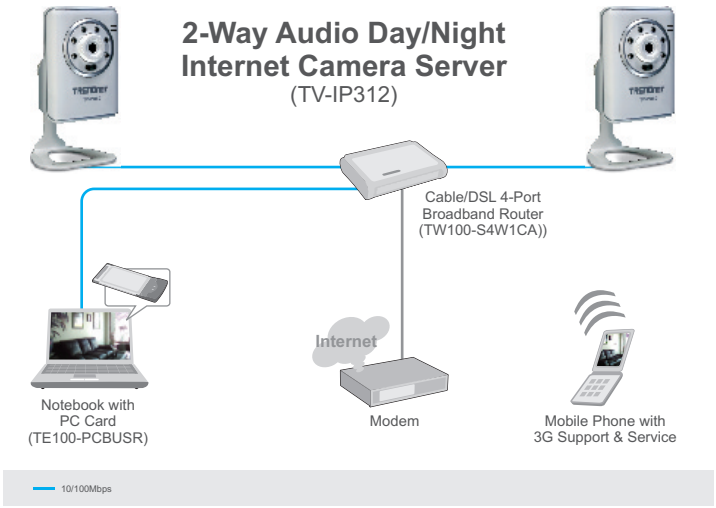
SPECIFICATIONS

Physical/Environmental	
Dimension	• 70 x 100 x 57mm (2.67 x 3.94 x 2.95 in.)
Weight	• Camera: 140g (4.94oz.); Stand: 135g (4.76oz.)
Power	• 5V DC, 2.5A External Adapter
Power Consumption	• 8 Watts (Max)
LEDs	• Power (Orange), Link (Green)
LED	• Enable/Disable Support
Temperature	• Operating: 0ºC ~ 45ºC (32ºF ~ 113ºF); Storage : -10ºC ~ 60ºC (14ºF ~ 140ºF)
Other	
USB Port	• USB 1.1 (Type 1) • Up to 500mA Power Device with FAT16/32 Format

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TV-IP312
- Utility CD-ROM
- Multi-Language Quick Installation Guide
- Camera stand
- 1.8m Cat. 5 Fast Ethernet Cable
- Power Adapter (5V DC 2.5A)

RELATED PRODUCTS

TV-IP212	2- Way Audio Internet Camera Server
TV-IP212W	2- Way Wireless Audio Internet Camera Server
TV-IP312W	2- Way Audio Wireless Day/Night Internet Camera Server

ORDERING INFORMATION

TRENDnet®
20675 Manhattan Place,Torrance, CA 90501 USA
Tel: 1-310-961-5500
Fax: 1-310-961-5511
Web: www.trendnet.com
Email: sales@trendnet.com

To Order Please Call:
1-888-326-6061

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